Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 04 Dec 2020 until 23:59 on Saturday 05 Dec 2020

Forecast Issued on Thursday 03 Dec 2020 at 17:24

Confidence: High for cold day with snow Friday but lower for details and the return to slightly warmer and, for a time, more settled conditions early next week

Headline for Friday 04 Dec 2020: Bright start but becoming cloudy with occasionally heavy snow. Strong Northerly winds.

Mountain weather hazards on Friday 04 Dec 2020

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Cloudy	Cloudy	Sunny intervals	Light snow	Light snow	Heavy snow	Light snow
Precipitation probability							
30%	20%	10%	20%	80%	60%	60%	60%

Forecast for Friday 04 Dec 2020

Weather: Clear spells and, especially at first, a few snow showers overnight. A bright start with some sunny spells developing briefly but cloud increases from the east bringing more persistent snow towards midday, especially across southern and eastern parts where there may be some heavy spells of snow. Outbreaks of snow continue through the evening.

Chance of cloud free mountain/hill tops above 600m: Around 60% at first with occasional cloud above 600m but falling close to zero by late morning with periods or persistent cloud above 600m and patches below, lowering to 300m or less in the east later.

Visibility: Very good falling to a few kilometres in snow and snow showers, but a kilometre or less in heavier snow.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 04 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 N	13/19 N	13/19 NW	15/21 NW	15/21 W	13/18 W	9/12 W	10/15 S	15/22 SE
300	9/12 N	10/15 NW	11/17 NW	12/18 NW	13/19 W	10/15 W	6/9 W	8/12 S	11/18 SE
Valley	6/13 N	7/15 NW	8/16 NW	8/16 NW	8/16 NW	6/12 NW	4/8 W	5/9 SE	9/18 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-6	-1/-7	-1/-7	-2/-8	-1/-7	-1/-6	-1/-5	-1/-6	-1/-7
300	1/-3	1/-4	1/-4	1/-4	1/-4	1/-3	1/-2	1/-2	1/-4
Valley	1/-2	1/-2	1/-2	1/-2	2/-2	2/-1	2/0	2/-0	2/-2
Freezing Level*	400m	400m	400m	300m	400m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
A cold day at all levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 03 Dec 2020	4.2mm	8mm	10.8mm

Forecast for Saturday 05 Dec 2020

Weather: Cloudy through the early hours with outbreaks of snow, still perhaps occasionally heavy in south and east, the snow turning more showery towards dawn. Becoming brighter through the morning with showers dying out.

Maximum wind: Easterly 15-20mph, gusts around 30mph over higher summits, gradually easing 10mph and backing more northerly later.

Chance of cloud free mountain/hill tops above 600m: Near zero at first with periods or persistent cloud above 600m rising to around 60% through the morning with cloud becoming more occasional.

Visibility: Good falling to a few kilometres in snow and a kilometre or less in any heavier snow.

Temperature: **Valleys:** Plus 1 or 2 Celsius rising to plus 4 or 5 Celsius by day, falling close to zero in evening.
At 600m: Around Minus 1 Celsius.
Freezing level: Around 500m.

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